

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1-30. (Canceled).

31. (Previously Presented) A spread spectrum time division user equipment using time slots for communication comprising:

an antenna configured to receive data in a CCTrCH transmitted over a plurality of time slots;

an interference power measurement device configured to measure an interference power for each time slot of the plurality of time slots:

the antenna configured to transmit a single power command in response to a signal to interference ratio of the received CCTrCH and the measured interference power measurement for each time slot; and

the antenna configured to receive a subsequent data in the CCTrCH communication having a transmission power level for each downlink communication time slot set individually in response to the interference power measurement for that time slot and the single power command.

32. (Previously Presented) The user equipment of claim 31 wherein the transmission power level of the subsequent data in the CCTrCH communication is set by establishing a transmit power level in response to the single power command and modifying the transmit power level in each time slot in response to the interference power measurement of that time slot.

33. (Previously Presented) The user equipment of claim 31 wherein the interference power measurements are interference signal code power (ISCP).

34. (Previously Presented) A spread spectrum time division base station using time slots for communication comprising:

an antenna configured to receive a single power command and an interference power measurement for each time slot of a CCTrCH which is transmitted over a plurality of time slots; and

the antenna configured to transmit data in the CCTrCH over the plurality of time slots and the CCTrCH having a transmission power level for each time slot set individually in response to the interference power measurement for that time slot and the single power command.

35. (Previously Presented) The base station of claim 34 wherein the transmission power level of the CCTrCH communication is set by establishing a transmit power level in response to the single power command and modifying the transmit power level in each time slot in response to the interference power measurement of that time slot.

36. (Previously Presented) The base station of claim 34 wherein the interference power measurements are interference signal code power (ISCP).

37-39. (Canceled).

40. (New) A spread spectrum time division UE using time slots for communication, the time slots being subject to power control, comprising:

an antenna for receiving downlink CCTrCH channels;

a transmit power calculation device configured to transmit TPC commands, wherein the transmit power calculation device transmits one TPC command per downlink CCTrCH channel; which TCP command corresponds to the average signal to interference ratio (SIR) in all time slots that belong to the same CCTrCH channel; and

an interference measurement device configured to perform a downlink ISCP measurement for each time slot in the received CCTrCH channel and to transmit the ISCP measurements to a base station; and

wherein the antenna is configured to receive, in response to the transmission of the ISCP measurement and the TPC command for the CCTrCH channel, a downlink CCTrCH communication having an individual transmission power level for each downlink CCTrCH channel time slot.